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Advances in Foodborne Pathogen Analysis

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Deadline for manuscript
submissions:
closed (15 June 2020)

Message from the Guest Editors

This Special Issue will showcase contributions ranging from novel sample preparative techniques for the selective, rapid, efficient, and/or quantitative recovery and concentration of targeted bacterial analytes to the development and/or improvement of rapid biosensor-based detection and/or identification platforms (e.g., PCR, phage, immunoassays, optical imaging, luminescence, strip assays, flow cytometry, etc.). A further challenge is the determination of live vs. dead organisms. Advances in this field are expected to impact the food production/testing industry and regulatory agencies alike.

Original and review papers dealing with all aspects of “Advances in Foodborne Pathogen Analysis” are welcome for inclusion in this Special Issue. Reports will focus on the following areas: development and/or improvement of rapid methods for the detection and/or identification of foodborne pathogens (methods, reagents, instrumentation); sample preparation techniques for the rapid and quantitative concentration of targeted microbes in food matrices; new approaches for determining or characterizing pathogen activity, metabolic state or viability.



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Special Issue



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Message from the Editor-in-Chief

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